

Please amend the claims as follows:

1. (original) A high-pressure gas-discharge lamp, having at least one gastight fused press-seal between a glasslike material and molybdenum, wherein the molybdenum in the fused press-seal is at least partly exposed to an oxidizing environment and at least that part of the molybdenum that is exposed to the oxidizing environment is covered with a coating, characterized in that the coating comprises at least one oxide from among Fe_2O_3 , Ta_2O_5 , Nb_2O_5 , Al_2O_3 , SiO_2 , TiO_2 , ZrO_2 , HfO_2 , and/or one nitride from among TiN, ZrN, HfN, AlN, BN, and/or one carbide from among TiC, ZrC, HfC, VC, NbC, TaC, B_4C .
2. (original) A high-pressure gas-discharge lamp as claimed in claim 1, characterized in that the coating has a film thickness of from 5 nm to 20 μm .
3. (original) A high-pressure gas-discharge lamp as claimed in claim 1, characterized in that the coating is built up from at least two layers.

4. (original) A high-pressure gas-discharge lamp as claimed in claim 3, characterized in that the layer of the coating that is applied directly to the molybdenum is composed of a nitride and /or carbide and the following layer is composed of an oxide and/or a plurality of oxides.

5. (original) A high-pressure gas-discharge lamp as claimed in claim 4, characterized in that the following layer is preferably composed of Al_2O_3 .

6. (original) A high-pressure gas-discharge lamp as claimed in claim 3, characterized in that the layer that is applied directly to the molybdenum is preferably composed of AlN or Ta_2O_5 .

7. (original) A high-pressure gas-discharge lamp as claimed in claim 1, characterized in that the reduction in the size of the fused press-seal, and particularly in the longitudinal extent of that part of the molybdenum that is not exposed to an oxidizing environment, can be obtained as a function of the particular material of which the coating is composed.

8. (currently amended) A high-pressure gas-discharge lamp as claimed in ~~at least one of claims 1 to 7~~claim 1 for use for projection purposes.

9, (currently amended) A lighting device and/or projection device comprising at least one high-pressure gas-discharge lamp as claimed in ~~at least one of claims 1 to 7~~claim 1.